

substantially in parallel with an electrode using a connecting layer formed with a conductive resin between the flat leading end portion and said electrode:

a fixing layer made of a UV-setting type resin disposed on said piezoelectric resonator having a short setting time, the fixing layer fixing the leading end portions of said leads and said piezoelectric resonator element prior to formation of said connecting layer; and

said piezoelectric resonator element being attached to the substantially U-shaped edge, on a side of said piezoelectric resonator element which faces said leads, so that an edge of said piezoelectric resonator element on the side which faces said leads may be positioned on the substantially U-shaped edge and that the piezoelectric resonator element is supported by said leads so that a gap is formed between said supporting member and said piezoelectric resonator element.

4. (Three Times Amended) The piezoelectric resonator according to claim 1, further comprising said connecting layer being formed with a conductive resin at least injected into a gap between said leading end portion and said electrode.

14. (Six Times Amended) A piezoelectric resonator unit having a piezoelectric resonator, and a hollow protector, the piezoelectric resonator comprising:

a piezoelectric resonator element having a piezoelectric body and electrodes disposed on the piezoelectric body;

a supporting member supporting said piezoelectric resonator element; and
a plurality of leads mechanically connecting said piezoelectric resonator element to said supporting member and permitting electrical connection thereof each of said leads being provided with a flat leading end portion having a substantially U-shaped edge which opens toward a leading end thereof, each said flat leading end portion being connected substantially in parallel with an electrode using a connecting layer formed with a conductive resin between the flat leading end portion and said electrode:

said piezoelectric resonator element being supported by said leads so that a gap is formed between said supporting member and said piezoelectric resonator element:

a fixing layer made of a UV-setting type resin disposed on said piezoelectric resonator having a short setting time, the fixing layer fixing the leading end portion of said leads and said piezoelectric resonator element prior to formation of said connecting layer; and

said piezoelectric resonator being disposed within and sealed by said supporting member and said protector, and said piezoelectric resonator being attached to the substantially U-shaped edge on a side of the piezoelectric resonator element which faces said leads, so that an edge of said piezoelectric resonator element on the side which faces said leads may be positioned on the substantially U-shaped edge.

17. (Three Times Amended) The piezoelectric resonator unit according to claim 14, further comprising said connecting layer being formed with a conductive resin at least injected into a gap between said leading end portion and said electrode.

REMARKS

Claims 1, 3-14, and 16-26 are pending. Claims 8-13 and 21-26 have been withdrawn from consideration. By this Amendment, claims 1, 4, 14 and 17 are amended. No new matter has been added. Reconsideration based upon the above amendments and following remarks is respectfully requested.

The attached Appendix includes marked-up copies of each rewritten claim (37 C.F.R. §1.121(c)(1)(ii)).

Entry of this Amendment is proper under 37 CFR §1.116 since the Amendment: (a) places the application in condition for allowance for the reasons discussed herein; (b) does not raise any new issues requiring further search and/or consideration since the amendments amplify issues previously discussed throughout prosecution; (c) does not present any additional claims without canceling a corresponding number of finally rejected claims; and (d) places the application in better form for appeal, should an appeal be necessary. The